

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 07005213
PUBLICATION DATE : 10-01-95

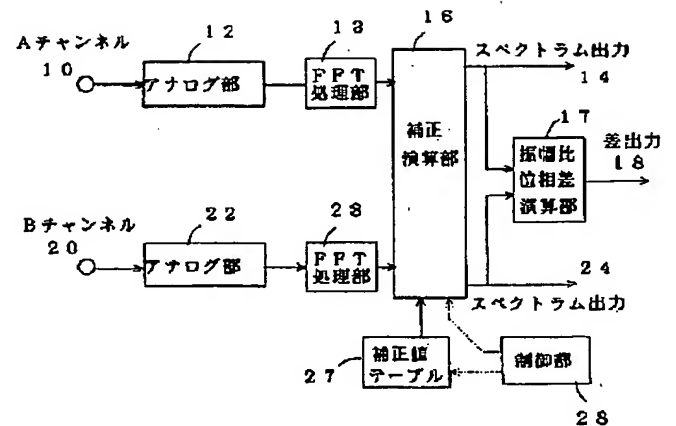
APPLICATION DATE : 18-06-93
APPLICATION NUMBER : 05172694

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INT.CL. : G01R 23/16

TITLE : MEASURED VALUE CORRECTOR FOR DIGITAL SPECTRUM ANALYZER



ABSTRACT : PURPOSE: To achieve a frequency correction and a phase correction of a gain automatically at a high accuracy by arranging a correction value data to store a correction factor, a correction computing section or the like to perform a computation for correcting a measured value.

CONSTITUTION: External input signals of channels A and B are converted into digital with analog sections 12 and 22 and then, to a gain at each frequency and a phase data with fast Fourier transform processing sections 13 and 23. The resulting outputs undergo an arithmetic processing for correction with a correction computing section 16 by taking out a correction data corresponding to respective frequencies from a correction value table 27 where correction factors are stored and then, a spectrum signal is outputted. In a dual channel operation, a transfer function is determined by calculation of (spectrum of channel A)/spectrum of channel B. Thus, spectrum signal outputs of the two channels A and B are applied to an amplitude ratio phase difference computing section 17 to compute the transfer function between the channels A and B and a signal is outputted externally.

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